

SARA, M.

Utilizing the waste from high-speed steels. p. 165. (Mechanizace Zemedelstvi,
Vol. 7, No. 7, Apr. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SARA, M.

Packing for securing screw drivers with damaged handles. p. 235. (Mechanisace
Zemedelstvi, Vol. 7, No. 10, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SARA, M.

Adjustment of a hobbing machine for corrected gearing.

p. 569 (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 24, Dec. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

SARABASHYAN, Ardashes Saukyanovich

[How we raise potatoes and vegetables] Kak my vyrashchivaem kartofel'
i ovoshchi. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1956. 13 p.
(Rostov Province—Vegetable gardening) (MIRA 10:9)

SARACHEV, T.

Case of Black Sea fish poisoning (Trachinidae). Med. letopisi
42 no.5-6:601-603 May-June 50. (CML 20:7)

1. Dr. Todor Sarachev, District Physician at Sozopol.

SARACHEV, T.

Dermatitis due to figs as allergic occupational disease
in Bulgaria. *Sovrem. med.*, Sofia 4 no.9:63-67 1953. (OIML 25:5)

1. District Physician for Sozopol.

SARACHEV, T.

Rheumatic conditions in some of our transportation workers.
Suvrem.med., Sofia 2 no.1:40-45 '60.
(RHEUMATISM epidemiol.)

SARACHEV, T.

Diseases of the motor apparatus in transport workers exposed to cold. Gig.i san. 26 no.3:98-100 Mr '61. (MIRA 14:7)

1. Iz transportnoy bol'nitsy v Burgase, Bolgariya.
(TRANSPORT WORKERS—DISEASES AND HYGIENE)
(COLD—PHYSIOLOGICAL EFFECT) :

SARACHEV, T.M.

Apropos of spondylosis deformans. Suvr. med. (Sofia) 15 no.9:
43-50 '64

8.100V, M.20h, inch: 1.000V, M.20h, inch.

Construction of the drainage system of the for-exchange
filters. Elek. sta. 31 no. 32-83 Mr 164. (MIRA 1-8)

SARACHOV, A. I.

LUKIANOVICH, V. M., DUBININ, M. M., LEONT'YEV, Ye. A., SARACHOV, A. I.

"Examination of the Porous Structure of Activated Charcoals."

paper submitted for presentation at Fourth Int'l Conference on Electron Microscopy, Berlin, GFR, 10-17 Sep 58.

Institute for Physical Chemistry, USSR acad. Sci. Moscow.

C-3,800,829, 25 Jul 58.

SARADIN, M.

"Janosik's hatchet"

Krasy Slovenska. Bratislava, Czechoslovakia. Vol. 36, no. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

SZERENYI, Jozsef, dr.,; SARADY, Kornel, dr.,; MARCZINKA, Eva.,dr.,;
KISS, Magdolna.

BCG vaccination in tuberculin allergic children. Gyermekegygyaszat
6 no.4:123-126 Apr 55.

(BCG VACCINATION
in tuberculin allergic child)
(TUBERCULIN
allergy, BCG vacc. in allergic child)

BALAKSHINA, V.L., SARADZHA, M.D.

Disorders of the higher nervous function in dogs in jaundice. Trudy
Inst. fiziol. 3:77-81 '54. (MLRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii. Zaveduyushchiy
I.T.Kurtsin.

(JAUNDICE, experimental,
higher nervous funct. in)

(CENTRAL NERVOUS SYSTEM, in various diseases,
exper.jaundice, higher nervous funct. changes)

SARADZHA, M.D.

Data on reflex regulation of bile-secreting function of the liver.

I. Effect of interoceptive rectal reflexes on the process of secretion of bile. Trudy Inst. fiziol. 3:141-150 '54. (MLRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii. Zaveduyushchiy I.T. Kurtish. Avtor stat'i rumynskiy vrach, aspirant kafedry aptofiziologii 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova. Rabota vypolnena po dogovoru o tvorcheskom sodruzhestve v laboratorii kortiko-vistseral'noy patologii Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.

(BILE, physiology,
secretion, eff. of stimulation of rectal receptors)
(RECTUM, physiology,
eff. of stimulation on bile secretion)

SARADZHA, M.D.
SARADZHA, M.D.

Data for the analysis of functional relationship between the rectum and biligenesis of the liver in man. Trudy Inst. fiziol. 3:163-170 '54. (MLRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii. Zaveduyushchiy I.T.Kurtsin.

(BILE, physiology,
biligenesis, eff. of rectal stimulation)

(RECTUM, physiology,
eff. of stimulation on biligenesis)

x
VINTER, A.V.; NEKRASOV, A.M.; SYROMYATNIKOV, I.A.; VOZNESENSKIY, A.N.;
VASILENKO, P.I.; LAUPMAN, P.P.; THERMAN, I.A.; VINOGRADOV, N.P.;
ANTOSHIN, M.N.; ALEKSANDROV, B.K.; USPENSKIY, B.S.; KLASSON, I.B.;
KHEYPITS, M.E.; DRUTSKIY, V.F.; KRACHKOVSKIY, N.N.; POPOV, P.A.;
CHELIDZE, I.M.; FILARETOV, S.N.; KOZLOV, M.D.; BERLIN, V.Ya.;
~~SARADZHEV, A.K.~~; GORDZIYEVICH, I.S.; PAK, V.P.; DORFMAN, S.M.;
DOBINSKIY, L.A.; UL'YANOV, S.A.; GRUDINSKIY, P.G.; KUVSHINSKIY, M.N.;
ERMOLENKO, V.M.

Mikhail Mikhailovich Karpov. Elek.sta. 27 no.10:62 0 '56. (MLRA 9:12)
(Karpov, Mikhail Mikhailovich, d.1956)

SARADZHEV, A. KH.

AUTHOR: Sergeyev, A.S., Docent

105-58-5-25/28

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Elektrichestvo, 1958, Nr 5, pp. 93-93 (USSR)

ABSTRACT: For the Degree of Candidate of Technical Sciences:
At the Yerevan Polytechnic Institute imeni Marks (Yersvanskiy politekhnicheskii institut im. Marksa):
A.Kh.Saradzhev on January 9, 1946 "Supplies for the Requirements of Automatized Hydraulic Power Plants". Official opponents: Professor A.Ya.Ter-Khachaturov and N.V.Gabashvili, Docent, Candidate of Technical Sciences.
At the Polytechnic Institute of Belorussia imeni Stalin (Belorusskiy politekhnicheskii institut im.Stalina):
Ya.Yu.Slepyan on March 27, 1953 "Drying of Power Transformers by the Method of Losses in the Case of Electric Networks in Rural Districts". Official opponents: L.Ye.Ebin, Professor, Doctor of Technical Sciences and A.I.Sobolev, Docent, Candidate of Technical Sciences.
V.P.Krasin on May 29, 1953 "The Automatic Re-Establishment of Connection in Electric Networks and Plants of Mineral Oil Fields

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Dissertations

105-58-5-26/28

by 2-6 kV voltage". Official opponents: I.I.Greben', Professor, Doctor of Technical Sciences and A.I.Rutskiy, Docent, Candidate of Technical Sciences.

At the Institute for Power Engineering AS Uzbek SSR (Institut energetiki AN Uzbekskoy SSR):

M.Ye.Syrkin-Shklovskiy on November 5, 1947 "Some Problems Connected with the Theory of Resonance in Multiphase Circuits".

Official opponents: N.N.Shchedrin, Professor, Doctor of Technical Sciences and G.R.Rakhimov, Docent, Candidate of Technical Sciences.

A.A.Inogamov on December 29, 1949 "The Investigation of Asymmetric Modes of Operation of Three-Phase Transformers". Official opponents:

N.N.Shchedrin, Professor, Doctor of Technical Sciences and

M.Z.Khamudkhanov, Docent, Candidate of Technical Sciences.

I.A.Reyneke on December 29, 1949 "Investigation of the Basic Properties of Independent Invertors in Connection with the Problems of D.C.Transformation". Official opponents: V.P.Zakharov, Doctor of Technical Sciences and Rakhimov, G.R., Docent, Candidate of Technical Sciences.

Card 2/4

Dissertations

105-58-5-26/28

E.G.Faynshteyn on May 6, 1950 "Taking Account of the Influence Exercised by Rectification Load when Calculating Asymmetry Modes of Operations in Energy Systems". Official opponents: V.P. Zakharov, Professor, Doctor of Technical Sciences and G.R.Rakhimov, Docent, Candidate of Technical Sciences.
S.M.Timofeyev on February 21, 1953 "Investigation of an Electric Device for the Automation Control of Rotational Speed in Water Turbines with a Sensitive Element Operation According to The Electrodynamical Principle". Official opponents: N.N.Shchedrin, Professor, Doctor of Technical Sciences and M.Z.Khamudkhanov, Docent, Candidate of Technical Sciences.
L.M.Rotenburg on February 21, 1953 "Experimental Investigation of Steel Lines and the Analytical Calculation of Short-Circuit Currents in Complicated Networks with Steel Lines". Official opponents: N.N.Shchedrin, Professor, Doctor of Technical Sciences and G.R.Rakhimov, Docent, Candidate of Technical Sciences.

Card 3/4

Dissertations

105-58-5-26/28

N.A.Troitskiy on September 26, 1953 "The Basic Properties of an Invertor with Additional Controlling Electromotive Force and Open Transformer Triangle". Official opponents: V.P.Zakharov, Professor, Doctor of Technical Sciences, M.Z.Khamudkhanov, Docent, Candidate of Technical Sciences and I.A.Reyneke, Docent, Candidate of Technical Sciences.

AVAILABLE: Library of Congress

1. Scientific reports--USSR 2. Power plants--Equipment 3. Electrical networks--USSR 4. Electrical equipment--Properties

Card 4/4

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
SRADZHEV L V C4 18 Nitric acid. L. V. Sradzhev. Russ. 55,902, Oct. 31, 1979. In the manuf. of HNO_3 from NH_3 the processes of cooling, oxidation and absorption of nitrous gases are carried out at pressures in excess of 200 atm.																			
COMMON ELEMENTS COMMON VARIABLE INDEX OPEN NATIONAL INDEX ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION FROM SYNDICATE FROM BOMBY																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

ANHYDROUS SODIUM SULFATE. B. D. Mel'nik and L. V. Surazhev. U.S.S.R. 102,546, Apr. 30, 1956. Mirabilite is frozen out from natural sulfate brines or synthetic brine, and Na_2SO_4 is salted out from the mirabilite with NH_3 . The NH_3 used in the process follows the absorption-cooling cycle and is regenerated from the mother liquor after the sulfate is removed. M. H. Hosh...

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80100

S/080/60/033/04/10/045

AUTHORS: Dmitriyev, M.T., Saradzhev, L.V., Miniovich, M.A.

TITLE: The Energy Yield of Decomposition of Nitrogen Oxides Under the Action of Ionizing Radiation ¹

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 4, pp 808 - 814

TEXT: Nitrogen oxides can be used as gas dosimeters for ionizing radiation. The radiation oxidation of nitrogen is important for the manufacture of nitric acid by means of atomic energy. Data on the energy yields of the decomposition reaction of nitrogen oxides under the action of electrons and γ -radiation depending on the pressure, the temperature and the irradiation dose are given in the article. As sources of ionizing radiation an electronic beam with an energy of up to 1 kev and radioactive cobalt-60 with an activity of 20,000 Curie were used. A pressure increase from 10 mm Hg to 1.5 atm increases the decomposition yield of NO by 4%, of N_2O by 9%, but decreases the yield of NO_2 by 38%. A temperature increase from 0 to 400°C increases the decomposition yield of N_2O 1.9 times and of NO_2 7 times, but decreases the yield of NO by 10%. An increase in the irradiation dose decreases the decomposition yields of all oxides. The degree of the resistance against ionizing radiation of the various nitrogen oxides is the opposite of

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80100

S/080/60/033/04/10/045

The Energy Yield of Decomposition of Nitrogen Oxides Under the Action of Ionizing Radiation

the degree of their resistance against high temperature. The stationary concentration of the product of radio-chemical reaction corresponds to the equilibrium between the rates of direct and reverse reactions. In the case of small irradiation doses the stationary concentration of NO_2 was 6%, at intense irradiation it reached 10% and the irradiation with fission particles produced 5 - 15%. The best dosimeter of nitrogen oxides at a constant temperature proved to be N_2O , because its energy yield almost does not depend on the irradiation dose, the ionization density and the type of irradiation. If the temperature of the irradiated system is not constant the best results are obtained with NO .

There are: 6 graphs, 2 tables and 13 references, 9 of which are Soviet and 4 English.

SUBMITTED: July 3, 1959

Card 2/2

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11.1170

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S/076/61/035/004/001/018
B106/B201

AUTHORS: Dmitriyev, M.T., and Saradzhev, L.V.

TITLE: Decomposition of oxides of nitrogen under the action of
gamma radiation

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 4, 1961, 727 - 735

TEXT: One of the authors, assisted by S.Ya. Pshezhetskiy, had earlier made a thorough analysis of data available in the literature on the decomposition of oxides of nitrogen subjected to irradiation with alpha particles, fast electrons, and products of nuclear fission (Ref. 10: Uspekhi khimii, 26, 725, 1957). The kinetics of these processes, however, had not been included in that study. The present paper deals with the decomposition of oxides of nitrogen (NO , N_2O , NO_2) under the action of gamma radiation, as there are no data available in the literature on this problem. The radiation source was radioactive cobalt (activity about $2 \cdot 10^4$ curie; time of irradiation 95-110 hours; temperature $15-30^\circ \text{C}$). The irradiation intensity varied in different series of measurements be-
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Decomposition of oxides of ...

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B106/B201

tween $5 \cdot 10^{13}$ and $5 \cdot 10^{14}$ $\text{ev/cm}^3 \text{sec}$. The measurements included the determination of the yields of the decomposition products of oxides of nitrogen, as related to the radiation energy, the yields of every single reaction product, and the reaction rate as a function of irradiation intensity and pressure (in the range of 7 - 1200 mm Hg). The dosimetric measurements and the colorimetric determination of NO_2 were performed in the same way as in a previous work (Ref. 14: Zh. fiz. khimii, 34, 880, 1960). Results obtained: N_2O is decomposed under the action of gamma radiation at 1 atmosphere with a yield of 11.4 molecules per 100 ev. This yield is independent of the ionization density. The total yield of decomposition products is 14.9 molecules per 100 ev. The reaction products are formed in the ratio $[\text{N}_2] : [\text{NO}_2] : [\text{O}_2] = 1 : 0.48 : 0.14$. The most probable energetic yield of the decomposition of N_2O under the action of different radiations (alpha particles, fast electrons, irradiation in nuclear reactor, gamma radiation) is 11.6 molecules per 100 ev. In the case of NO the energetic yield is 14.8 molecules per 100 ev under gamma irradiation

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B106/B2Q1

Decomposition of oxides of ...

at 1 atmosphere. This yield is to a slight degree dependent upon the ionization density. The total yield of decomposition products is 11.4 molecules per 100 ev, and the products are formed in the ratio $[NO_2] : [N_2] : [N_2O] = 1 : 0.53 : 0.06$. The most probable energetic yield under the action of different radiations is 14.8 molecules per 100 ev under light irradiation, whereas it is less under irradiation with heavier particles (nuclear reactor). NO_2 under gamma irradiation at 1 atmosphere is decomposed with a yield of 2.1 molecules per 100 ev. The total yield of decomposition products is 2.9 molecules per 100 ev, and the products are formed in the ratio $[O_2] : [N_2O] : [N_2] = 1 : 0.33 : 0.25$. The energetic yield of the decomposition products depends markedly upon the ionization density. The authors also studied the probable mechanism of the above-mentioned decomposition reactions under the action of gamma radiation. The principal part is played by excitation and decomposition of excited molecules. The secondary processes are mainly reactions of nitrogen and oxygen atoms with oxides of nitrogen. The apparent stability of pure ni-

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S/076/61/035/004/001/018
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X

Decomposition of oxides of ...

nitrogen dioxide against the action of ionizing radiations is based on reverse reactions taking place under the formation of NO_2 , and, therefore, strongly reducing the energetic yield of decomposition. S. Ya. Pshezhetskiy is thanked for his evaluation of the present work, Ye. I. Zolotarev and Ye. B. Nechushkin for their assistance in the measurements, and M.A. Miniovich for valuable advice. There are 5 figures, 4 tables, and 19 references: 9 Soviet-bloc and 10 non-Soviet-bloc. The three most recent references to English-language publications read as follows: P. Harteck, S. Dondes, *Nucleonics*, 14, no. 3, 66, 1956; P. Harteck, S. Dondes, *J.Chem.Phys.*, 27, 547, 1958; P. Harteck, S. Dondes, *J.Chem. Phys.*, 22, 953, 1954.

ASSOCIATION: Institut azotnoy promyshlennosti
(Institute of the Nitrogen Industry)

SUBMITTED: July 8, 1959

Card 4/9

BLINOVA, A.M.; SARADZHEV, N.K.; SHEYKHON, F.D.

Effect of local stimulation of bulbar pressor structures on the
electrical activity of sympathetic nerves. Trudy Inst.norm.i
pat.fiziol. AMN SSSR 7:25-26 '64. (MIRA 18:6)

1. Laboratoriya fiziologii i patologii krovoobrashcheniya i
dykhaniya (zav. - chlen-korrespondent AMN SSSR, prof. M.Ye.
Marshak) Instituta normal'noy i patologicheskoy fiziologii AMN
SSSR.

SARADZHEV, N.K.

Changes in the electrical activity of afferent and efferent
lingual nerves developing in experimental reflex hypertension.
[with summary in English]. Biul.eksp.biol. i med. 45 no.2:49-53
F '58. (MIRA 11:5)

1. Iz laboratorii fiziologii i patologii dykhaniya i kronvo-
obrashcheniya (zav.- chlen-korrespondent AMN SSSR prof. M. Ye.
Marshak) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR
(dir. - deystvitel'nyy chlen AMN SSSR prof. V.N. Chernigovskiy),
Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR prof V.V.
Parinym.

(HYPERTENSION, physiology,
lingual nerves electrical activity in (Rus))
(TONGUE, innervation,
electrical activity in exper. reflex hypertension (Rus))

SARADZHEV, N.K.

Changes in the electrical activity of sympathetic nerves in experimental hypertension [with summary in English]. *Fiziol.zhur.* 45 no.1:64-73 Ja '59.

(MIRA 12:2)

1. From the Laboratory of Physiology and Pathology of circulation and of Respiration, Institute of Normal and Pathologic Physiology, USSR Academy of Medical Science, Moscow.

(HYPERTENSION, exper.

eff. on sympathetic NS electrical funct. (Rus))

(SYMPATHETIC NERVOUS SYSTEM, physiol.

eff. of exper. hypertension on electrical funct. (Rus))

BLINOVA, A.M.; SARADZHEV, N.K.; SHEYKHON, F.D.

Functional state of the pressor and depressor zones of the reticular formation of the medulla oblongata in reflex reactions of the vascular system. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6:110-112 '62 (MIRA 17:1)

1. Laboratoriya fiziologii i patologii krovoobrashcheniya i dykhaniya (zav. - chlen-korrespondent AMN SSSR prof. M.Ye. Marshak) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

BLINOVA, A.M.; SARADZHEV, N.K.; SHEYKHON, F.D.

Functional organization of the bulbar vasomotor center. Report
No. 1: Excitability of neuronal elements of the pressor and
depressor zones in different functional conditions. Biul. eksp.
biol. i med. 55 no.4:3-9 Ap '63.

(MIRA 17:10)

1. Iz laboratorii fiziologii i patologii dykhaniya i krovoobra-
shcheniya (zav. - chlen-korrespondent AMN SSSR prof. M.Ye. Mar-
shak) Instituta normal'noy i patologicheskoy fiziologii (dir. -
deystvitel'nyy chlen AMN SSSR V.V. Parin) Moskva.

GULYAYEV, P., doktor biolog. nauk; AYRAPETYANTS, M. kand.med.nauk;
IVANITSKIY, A., kand. med. nauk; SARADZHEV, N.; NOVAK, V., vrach;
MESSING, Vol'f

Thought transference. Tekh.mol. no.1:28-32 '61. (MIRA 14:3)

1. Zaveduyushchiy laboratoriyey fiziologicheskoy kibernetiki
Leningradskogo universiteta (for Gulyayev). 2. Institut vysshey
nervnoy deyatel'nosti Akademii nauk SSSR (for Ayrapetyants, Ivanit-
skiy). 3. Institut normal'noy i patologicheskoy fiziologii
Akademii meditsinskikh nauk SSSR (for Saradzhev).
(THOUGHT TRANSFERENCE)

ELINOVA, A.M.; SARADZHEV, N.K.; SHEYKHON, F.D.

Functional organization of the bulbar vasomotor center. Activity of pressor zone neurons in carotid reflexes. Biul. eksp. biol. i med. 57 no.6:5-10 Je '64. (MIRA 18:4)

1. Laboratoriya fiziologii i patologii krovoobrashcheniya i dykhaniya (zav. - chlen-korrespondent AMN SSSR prof. M.Ye.Marshak) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR, Moskva.

SARADZHEV, T.N.

Recovery factor of the horizon 9 of the Surakhany oil field.
Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no.5:27-32
'62. (MIRA 16:6)

(Apsheiron Peninsula—Oil fields—Production methods)

SARADZHEV, V.A. and AVAKYAN, S.V.

"Experimental Study of Circumstances Facilitating the Formation of
a Very Short Electric Arc" Sb. Nauch. Tr. Yerevansk. Politekhn. In-ta, NO 5,
1954 25-34

Physical processes occurring an an electric arc, which appears when
electrodes previously at contact are separated, were studied. In spite of
published data, an arc between electrodes may occur at potentials below ion-
ization in presence of a very short arc and the fusion of electrodes are clari-
fied,. (RZHFiz, No 10, 1955)

SARADZHEVA, R. T.

"Defects of TU-5 Apparatus," Vest. Svyazi, No. 10, 1952
Senior Technician, Laboratory of the Tbilisi DRTS

Translation M-674, 27 Jul 55

SARADZHISHVILI, D.G.

25120. SARADZHISHVILI, D. G. K Voprosu O Plodonomenii Sosny v Gruzii v
Svyazi s Vertikal'noy Zonal'nost' Yu. Truzli U Svyazi s Vertikal'noy
Zonal'nost'yu. Trudy In-ta Lesa (Akad. Nauk Gruz SSR) T.L, 1949, S. 211-30-
Na Gruz i Rus. Yaz.-Bibliogr: S Nazu

K

Country : USSR
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhDiol., No 12, 1958, No 53455

Author : Saradzhishvili, D.G.

Inst : Forest Institute Georgian SSR

Title : Data on the Bio-Ecology of the Oriental Beech.

Orig Pub: Tr. In-ta lesa AN GruzSSR, 1957, 7, 27-41

Abstract: The studies in Georgia (1949-1952) showed that the sprouts of the oriental beech perish from the heat of the sun and from high temperature on the soil surface (50°C). This is observed on the southern slopes and in the big glades where the regeneration of the beech is usually absent. The beech undergrowth suffers particularly from the blazing sun

Card : 1/3

K

Country : USSR
Category: Forestry. Forest Biology and Typology.
Abs Jour: RZhBiol., No 12, 1958, No 53455

not prominent. Thus, at the age of maturity the beech is characterized by a surface root system which displays a noticeable ability to intergrow with the neighboring trees (from two to several).
-- L.V. Nesmelov.

Card : 3/3

SARADZHISHVILI, D.G.

Structure of spruce-fir stands and efficient methods of their
economic utilization. Trudy Inst.lesa AN Gruz.SSR 11:113-126
'62. (MIRA 16:2)

(Georgia—Spruce)

(Georgia—Fir)

SARADZHISHVILI, P. M.

Nervous System - Diseases

So-called meuro-achylous syndrome (polyradiculoneuritis) Nev. i psikh. 20, no. 5, 1951.

Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

SARADZHISHVILI, P. ^[in] (Prof) and Cand Med Sci T. Gokiyeli

"Poliomyelitis"

Zarya Vostoka, 12 Oct 1955

Current Digest of the Soviet Press, Vol 7, No 45, 21 Dec 1955, Uncl

T-10

USSR/Human and Animal Physiology - Nervous System.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32123

Author : Saradzhishvili, P.M., Galadze, T.Sh.

Inst :

Title : An Attempt to Study Experimentally the Influence of
Neurotic Conditions on Restoration and Trophic Functions
after Injuries to Peripheral Nerves.

Orig Pub : V. sb.: Probl. sovrem. fiziol. nervn. i myshechn. sistem.
Tbilisi, AN GruzSSR, 1956, 385-390

Abstract : In four dogs with neuroses owing to the collapse of HNA,
caused by strong electric stimulation during meals, the
restoration of movements after subepineural sciatic neuro-
tomy proceeded slower than in 2 control dogs with normal
VND. In addition, in dogs with neuroses, trophic ulcers
were developed, the more significant the deeper was the
impairment of HNA. Impairment of HNA disorganizes the
trophic efferent mechanisms and impairs the ability to

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- 100 -

NARIKASHVILI, Sergey Pavlovich; SARADZHISHVILI, P., red.; VOLKOVA, I.,
red.izd-va; TODUA, A., tekhn.red.

[Some problems in the physiology and pathology of the reticular
formation of the brain] Nekotorye voprosy fiziologii i pato-
logii setevidnoi formatsii golovnogo mozga. Tbilisi, Izd-vo
Akad.nauk Gruz.SSR, 1959. 76 p. (MIRA 13:7)
(BRAIN)

SARADZHISHVILI, P.M., prof. (Tbilisi)

Experimental investigation of the restorative and trophic functions of injured peripheral nerves in higher nervous function disorders [with summary in English, p.64]. Vop.neirokhir. 23 no.1:47-51 '59. (MIRA 12:3)

1. Iz kliniki nervnykh bolezney Tbilisskogo instituta usovershenstvovaniya vrachev. Chlen-korrespondent AMN SSSR.

(NERVES, PERIPHERAL, wds. & inj.

eff. of higher nerv. activity disord. on funct. restoration in animals (Rus))

(CENTRAL NERVOUS SYSTEM, physiology,

higher nerv. activity, eff. of disord. on funct.

restoration of injured peripheral nerves in animals (Rus))

SARADZHISHVILI, P. M. (Tbilisi)

Nekotoryye popytki izucheniya klinicheskoy fenomenologii patologii
mozgovogo stvola na osnove dannykh o retikulyarnoy formatsii

report submitted for the First Moscow Conference on Reticular Formation,
Moscow, 22-26 March 1960.

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izd-va; TODUA, A.R., tekhn. red.

[An unusual cerebrospinal fluid syndrome in some lesions of the
system] O svoeobraznom likvornom sindrome pri nekotorykh pora-
zheniyakh nervnoi sistemy. Tbilisi, Izd-vo Akad. nauk Gruzinskoi
SSR, 1960. 61 p. (MIRA 16:2)

(NERVOUS SYSTEM--DISEASES) (CEREBROSPINAL FLUID)

SARADZHISHVILI, P.M.; DZHORBENADZE, A.V.; GOKIYELI, T.G.; DEKANOSIDZE, T.I.

Clinical aspect and pathomorphology of acute poliomyelitis in
Georgia. Trudy Tbil. GIDUV 6:95-108 '62. (MIRA 16:2)
(GEORGIA--POLIOMYELITIS)

OKUDZHAVA, V.M.; SARADZHISHVILI, P.M., red.; TAVADZE, TS.V., red.
izd-va; DZHAPARIDZE, N.A., tekhn. red.

[Activity of the apical dendrites in the cerebral cortex]
Aktivnost' verkhushcheykh dendritov v kore bol'shikh po-
lusharii. Tbilisi, Izd-vo AN Gruz.SSR, 1963. 110 p.
(MIRA 17:4)

GABASHVILI, Vladimir Mikhaylovich, kand.med.nauk; SARADZHISHVILI,
P.M., red.; YANKOSHVILI, TS.A., red. izd-va; TODUA, A.R.,
tekhn. red.

[Writers' spasm; its clinical aspects and treatment] Pischii
spazm; klinika i lechenie. Tbilisi, Izd-vo Akad.nauk Gruzin-
skoi SSR, 1961. 110 p. (MIRA 15:7)

1. Institut klinicheskoy i eksperimental'noy nevrologii Akade-
mi nauk Gruzinskoy SSR (for Gabashvili).
(WRITERS' CRAMP)

SARADZHISHVILI, Petr Mikhaylovich; SHATS-MSHVELIDZE, Mina Isaakovna;
ZURABASHVILI, A.D., red.; KOBIDZE, L.K., red. izd-va;
BOKERIYA, E.N., tekhn. red.

[Clinical syndromes of occlusive lesions of the cerebral
vessels] Klinicheskie sindromy okkliuziruiushchikh po-
razhenii sossudov golovnog mozga. Tbilisi, Izd-vo AN Gruz.
SSR, 1963. 130 p. (MIRA 17:2)

SARADZHISHVILI, P.M.

"Stenosis and thrombosis of the carotid arteries and disorders of cerebral blood circulation" by E.V. Shmidt.
Reviewed by P.M. Saradzhishvili. Zhur. nevr. i psikh. 64
no.3:478-479 '64. (MIRA 17:5)

ZEDGINIDZE, Georgiy Sergeyevich; SARADZHISHVILI, P.M., red.

[The TSkhaltubo Health Resort and its neurological profile]
Kurort TSkhaltubo i ego nevrologicheskoe profilirovanie.
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SARADZHISHVILI, P.M.; LYUBARSKAYA, K.V.

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1. AN Gruzinskoy SSR, Institut klinicheskoy i eksperimental'noy nevrologii, Tbilisi, i Ministerstvo zdavookhraneniya Gruzinskoy SSR, Institut travmatologii i ortopedii. Predstavleno akademikom I. Ya. Tatishvili.

SARADZHISHVILI, F.M., prof., otv. red.; BANSCHNIKOV, V.M., prof.,
zasl. deyatel' nauki, otv. red.; BABAYAN, E.A., red.;
KONOVALOV, N.V., prof., red.; SEREBRYAKOVA, Z.N., red.;
ZURABASHVILI, A.D., red.; RYZHIKOV, G.V., kand. med. nauk,
red.

[Epilepsy; problems of its etiology, pathogenesis, clinical
aspects, classification, treatment and expertise. Reports
at the All-Union Symposium on the Problems of Epilepsy] Epi-
lepsiia; voprosy etiologii, patogeneza, kliniki, klassifi-
katsii, lecheniia i ekspertizy. Doklady na ... Moskva, M-vo
zdravookhraneniia SSSR, 1964. 2 v. (MIRA 17:11)

1. Vsesoyuznyy simpozium po probleme epilepsii, 1964.
2. Upravleniye spetsializirovannoy meditsinskoy pomoshchi
Ministerstva zdravookhraneniya SSSR (for Babayan)
3. Prav-
leniye Vsesoyuznogo nauchnogo meditsinskogo obshchestva
nevropatologov i psikiatrov (for Banshchikov).
4. Institut
nevrologii AMN SSSR, Deystvitel'nyy chlen AMN SSSR (for
Konovalov).
5. Institut klinicheskoy i eksperimental'noy
nevrologii AMN SSSR, Deystvitel'nyy chlen AMN SSSR (for
Saradzhishvili).

SARADZHISHVILI, P.M.; LACHKEPIANI, A.N.

Clinical manifestation of bilateral softening of the anteromedial nuclei of the thalamus. Zhur. nevr. i psikh. 64 no.10:1449-1450 '64. (MIRA 17:11)

1. Institut klinicheskoy i eksperimental'noy nevrologii AN GruzSSR, Tbilisi.

SARADZHISHVILI, P.M.

"Transactions of the Clinic of Nervous Diseases and Neurosurgery
for Brain Tumors." Reviewed by P.M.Saradzhishvili. Zhur.nevr.i
psikh. 60 no.9:1233-1234 '60. (MIRA 14:1)
(NERVOUS SYSTEM--TUMORS)

1. SARAF, A. I.
 2. USSR (600)
 4. Steam Boilers
 7. Selection of optimal standard construction of a vertical cylinder boiler, Prom. energ., 10, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

114 - 1 - 6/15

AUTHOR: Saraf, A. I., Cand. Tech. Sc.

TITLE: Results in testing an improved vertical cylindrical
MO ЦКТН type ШСГ-4 boiler (Rezultaty ispytaniy
usovershenstvovannogo vertikal'no-tsilindricheskogo
kotla MO ЦКТН tipa ШСГ-4)

PERIODICAL: ENERGO MASHINOSTROYENIYE, 1957, No. 1, pp. 15-17,
(U.S.S.R.)

ABSTRACT: A boiler producing 1,000 kg/hr of steam is described
and illustrated by sketches and test results are
given for various kinds of fuel. The temperature of
the exhaust gases varies between 376 and 417.5°C and
it's efficiency is 69.5 to 71.2%. The maximum output
is 1,170 kg/h of steam with a heat content of
640 kcal/kg for an exhaust flue gas temperature of
426.7°C. The heat load is 34.8 to 37.5 kg/m²h with a
maximum of 43.3 kg/m²h.

There are two figures, one graph and one Slavic reference.

Card 1/2

114 - 1-- 6/15

TITLE:

Results in testing an improved vertical cylindrical
МО ЦКТИ type ШС~~у~~-4 boiler (Rezultaty ispytaniy
usovershenstvovannogo vertikal'no-tsilindricheskogo
kotla МО ЦКТИ tipa ШС~~у~~-4)

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 2/2

SARAF, A.I.

Long run test of high heating efficiency boilers to be used in
centralized heating systems. Vod. i san. tekhn. no. 7:27-30 J1 '58.
(MIRA 11:7)

(Boilers)

(Heating from central stations)

SARAFAKIS, Regina, mgr (Rostock)

The Department of Research and Development Studies in the overseas shipping enterprise of the German Democratic Republic in Rostock.
Tech gosp morska 12 no.7/8:242 J1-Ag '62.

OSIPOVSKIY, L.F.; ZUBAREV, A.I.; SHIPOV, S.V.; SARAFANNIKOV, L.A.;
YURCHENKO, V.A.

Drilling deep small-diameter boreholes, using a rock drill
with independent rotation of the bit. Trudy Inst. gor. dela
AN Kazakh. SSR 13:28-32 '64. (MIRA 17:7)

SARAFANNIKOVA, G.

Pioneer steps. IUn.tekh. 3 no.12:51-53 D '58. (MIRA 12:1)

1. Zamestitel' predsedatelya Tsentral'nogo soveta pionerskoy
organizatsii im. V.I.Lenina.
(Pioneers (Communist Youth))

ANNENKOV, A.V., polkovnik,; VASIL'KOV, F.P., polkovnik,; DEGTYAREV, N.F., polkovnik,; YEGOROV, G.E., polkovnik,; SAFRONOV, A.A., polkovnik,; SOFONOV, S.S., polkovnik,; KHARITONOV, P.N., polkovnik,; SHERSTOBITOV, Ye.P., polkovnik,; GORBATYUK, G.M., podpolkovnik,; SARAFANOV, I.A., podpolkovnik,; VASILEVSKIY, D.V., general-mayer, otv. red.; DUKACHEVA, M.P., polpolkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Battle operations of a rifle regiment; a collection of war experiences] Boevye deistviia strelkovogo polka; sbornik boevykh primerov. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 278 p. 32 maps. (MIRA 11:11)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony. 2. Prepodavateli TSentral'nykh strelkovo-takticheskikh ordena Lenina Krasnoznamennykh ofitserских курсов "Vystrel" imeni Marshala Sovetskogo Soyuza B.M. Shaposhnikova i rabotniki Arkhiva Ministerstva Oborony Soyuza SSR (for all except Vasilevskiy, Dukacheva, Sokolova).
(World War, 1939-1945)
(Infantry drill and tactics)

L 56543-65

ACCESSION NR: AP5016776

UR/0286/65/000/010/0089/0089

621—52

621.398

681.2.087

5
B

AUTHOR: Sarafanov, I. A.

TITLE: A method for determining the frequency response of linear dynamic components. Class 42, No. 171187

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 89

TOPIC TAGS: electronic measurement, frequency response characteristic, linear dynamic system

ABSTRACT: This Author's Certificate introduces a method for determining the frequency response of linear dynamic components. The process is speeded up and simplified by using negative feedback. The feedback circuit contains amplification and phase-shift elements. The amplification and delay in the feedback system are varied until periodic oscillations appear in the closed system. The frequency of these oscillations is determined, and the amplitude-frequency and phase-frequency

Card 1/3

L 56543-65

ACCESSION NR: AP5016776

response at this frequency are found from the amplification factor and delay in the feedback system.

ASSOCIATION: none

SUBMITTED: 16Jun62

ENCL: 01

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 56543-65

ACCESSION NR: AP5016776

ENCLOSURE: 01

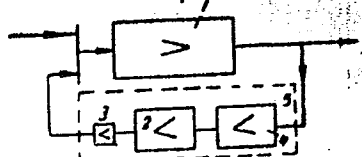


Fig. 1. 1--controlled element; 2--inertia-less amplification component; 3--inverting converter; 4--added element; 5--special instrument

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Card 3/3

KOCHANOVSKIY, Nikolay Yakovlevich; SARAFANOV, S.G., redaktor; VORO-
NETSKAYA, L.V., tekhnicheskii redaktor;

[Electric contact welding machinery] Mashiny dlia kontaktnoi
elektrosvarki. Moskva, Gos.energ.isd-vo, 1954, 408 p. (MLBA 7:11)
(Electric welding)

SARAFANOV, S.G.

Collected Papers (Cont.)

SOV/4172

Sbornik rabot po voprosam elektromekhaniki, vyp. 3: Energeticheskiye sistemy, elektromashinostroyeniye, elektricheskaya tyaga, avtomatizirovannyy elektroprivod, avtomaticheskiye i telemekhanicheskiye sistemy, elektrosvarochnoye oborudovaniye
Moscow, Izd-vo AN SSSR, 1960, 314p.
publ. from Akad nauk SSSR, Inst. elektromekhaniki

ELECTRIC WELDING EQUIPMENT

Alekseyev, A.A. Three-Phase Feeding Systems of Electric Welding Contact Machines

290

The author shows that three-phase feed of an electric welding contact machine with direct circuit connection can be achieved by means of multitransformer multipoint machines.

Sarafanov, S.G. Calculation of Welding Circuit Inductance of a Contact Machine

297

The author describes methods of calculating welding circuit inductances of contact machines developed by various Soviet scientists and proposes a new, simplified method.

Card 12/13

SARAFANOV, S.G., kand. tekhn. nauk; TAZ'BA, S.M.; TERENT'YEV, Yu.Ya.;
FEDER, Ye.S.; ALEKSEYEV, A.A., prof., nauchnyy red.; PETRENKO,
N.P., red. izd-va; VORONETSKAYA, L.V., tekhn. red.

[Electric welding equipment and automation of welding operations in the construction industry]Elektrosvarochnoe oborudovanie i avtomatizatsiya svarochnykh rabot v stroitel'stve.
Pod red. S.G.Sarafanova. Leningrad, Gosstroizdat, 1962. 350 p.

(MIRA 16:1)

(Electric welding)
(Construction industry--Electric equipment)

AKSEL'ROD, F.A., inzh.; ZAYTSEV, M.P., kand. tekhn. nauk; ZLOBIN, G.I., inzh.; KOCHERGIN, K.A., kand. tekhn. nauk; NEKRASOV, B.M., inzh.; SLIOZBERG, S.K., nauchnyy red.; DONSKOY, A.V., nauchnyy red.; DEMYANTSEVICH, V.P., nauchnyy red.; SARAFANOV, S.G., nauchnyy red.; BONDAROVSKAYA, G.V., red.; DORODNOVA, L.A., tekhn. red.; PERSON, M.N., tekhn. red.

[Resistance welding] Kontaktnaia svarka. [By] F.A.Aksel'rod i dr. Moskva, Proftekhizdat, 1962. 463 p. (MIRA 15:12)
(Electric welding)

DEM'YANOV, I.A., kand.tekhn.nauk; AKHTYAMOV, U.S.; AGEYEV, I.V.; PAKHOMOV, K.A.
SARAFANOV, S.K.

Performance of ~~IaAZ~~-204 engines fueled with light gasoline. Avt.prom.
no.2:23-27 P '61. (MIRA 14:3)

(Automobiles—Engines)(Gasoline)

RUDIN, Sil'vestr Nikolayevich, inzh.; LUKOVTSSEV, A.A., inzh., red.;
PETUKHOV, P.Z., doktor tekhn.nauk, red.; RYABOV, A.N., inzh., red.;
SUSTAVOV, M.I., inzh., red.; KHRISANOV, M.I., kand.tekhn.nauk,
red.; SARAFANNIKOVA, G.A., red.; DUGINA, N.A., tekhn.red.

[Assembly tools] Montazhnye instrumenty. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 127 p. (Bibliotekha slesaria-
montazhnika, no.7). (MIRA 14:2)

(Machinists' tools)

MUSIN, Ch. [deceased]; OSIPOVSKIY, L. F.; SARAFANNIKOV, L.A.;
ZUBAREV, A.I.

Equipment and methods for studying the operating parameters
of boring machinery. Trudy Inst. gor. dela AN Kazakh. SSR
13:15-27 '64. (MIRA 17:7)

SARAFANOV, V. I.
USSR/Physics - Dielectric strength

FD-984

Card 1/1 Pub. 146 - 8/20

Author : Sarafanov, V. I.

Title : Electrical strength of titanates of metals belonging to group II in the
periodic table for d.c. and alternating ($f=50$ cycles) voltage

Periodical : Zhur. eksp. i teor. fiz., 27, No 5 (11), 590-594, Nov 1954

Abstract : The author studies the electrical strength of magnesium, zinc, calcium, strontium, and barium titanate and barium tetratitanate for the cases of d.c. and alternating voltages. He also studies the temperature dependence of E_{rup} . He finds the value $2-4 \times 10^5$ volts/cm. Acknowledges the guidance of professor G. I. Skanavi. Four references, all USSR (e.g. Ye. V. Sinyakov, Dissertation, Dnepropetrovsk State University, 1949).

Institution: Physics Institute imeni P. N. Lebedev, Academy of Sciences USSR

Submitted : January 19, 1954

SARAFANOV, V. I.
USSR/Physics - Dielectric strength

FD-985

Card 1/1 Pub. 146 - 9/20

Author : Skanavi, G. I., and Sarafanov, V. I.

Title : Electrical strength of titanates of metals belonging to group II in the
periodic table for high-frequency voltage

Periodical : Zhur. eksp. i teor. fiz., 27, No 5 (11), 595-604, Nov 1954

Abstract : The authors expound the results of a study of the frequency and temperature dependence of the electrical strength of zinc, magnesium, calcium, strontium titanates and barium tetratitanate in the frequency range from 140 kilocycles to 3-4 megacycles and temperatures from 20 to 230°C. They conduct a detailed analysis and precisioning of the hypothesis of the "thermo-ionization" probe. Five references, 1 Western (S. Whitehead, Dielectric Breakdown of Solids, Oxford, 1951) and 4 USSR (e.g. B. M. Vul, I. M. Gol'dman, R. Ya. Razbash, *ibid.*, 20, 465, 1950).

Institution : Physics Institute imeni P. N. Lebedev, Acad. Sci. USSR

Submitted : January 19, 1954

USSR/Physics - Dielectrics

Card : 1/1 Pub. 118 - 10/15

Authors : Sarafanov, V.

Title : Artificial dielectrics

Periodical : Usp. fiz. nauk 53/1, 145 - 147, May 1954

Abstract : Experiments are described and data given on so-called artificial dielectrics. The dielectrics are made of paraffine and small (powder) metallic particles submerged in paraffine. The "wave guide" method was used for measuring dielectric constants. Four references. Graphs; table.

Institution : ...

Submitted : ...

SARAFONOV, V. 1

USSR/ Physics - Analysis methods

Card 1/1 Pub. 118 - 9/14

Authors : Sarafanov, V.

Title : Measurement of dielectric on mm - waves

Periodical : Usp. fiz. nauk 55/1, 127-131, Jan 1955

Abstract : The knowledge of the frequency relations of the electrical properties of dielectrics over the entire range of frequencies, from the very-low to the optical, is considered very important for the theoretical explanation of the processes occurring during the reaction of the substance (dielectric) with the field (electrical), as well as for practical application of dielectrics. Some of the reports, by various authors, describing different methods for studying solid dielectrics in a wave-range of less than 1 cm are discussed. Seven references ; 5 USA; 1 French and 1 USSR (1949-1954). Table; graphs.

Institution :

Submitted :

USSR / Radiophysics

I

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 10034

Author : Sarafanov, V.I.

Inst : Not given

Title : Concerning the Problem of Measurement of Complex Dielectric Constant and Magnetic Permeability of Magnetodielectrics at Centimeter Waves

Orig Pub : Radiotekhn. i elektronika, 1956, 1, No 3, 320-328

Abstract : Two variants of a method for measuring magneto-dielectrics with low losses at centimeter waves are considered. The method is based on the use of a cylindrical resonator operating in the H_{01} mode. The method is a certain development of the resonator method of measuring dielectrics, proposed by Horver. The first version is the "two thickness" method. Measurements consist of determining the resonant position of the piston and the Q without the specimen and with specimens of

Card : 1/2

USSR / Radiophysics

I

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 10034

Abstract : thickness d and $2d$. The calculations are analogous to those made by Horver, Taylor and Dansmair (Horver, F., Taylor, T., Dansmair, R., Journal of Institution of Electrical Engineers, 1946, 93, Part III, 53), but the magnetic field is also taken into account. The second variant is the "short circuit -- open circuit" method, is similar to the method used in lines, but is suitable only for magnetodielectrics with low losses. To measure in the "open circuit" position, a base made of a dielectric with low dielectric constant ϵ and with negligible losses was used. Calculation formulas are given. Both versions of the method can be used also for the measurement of dielectrics (by assuming $\mu = 1$). Here it is not necessary to solve a transcendental equation and the value of ϵ obtained is not multiple-valued.

Card : 2/2

SARAFANOV, V.I.

Thermal breakdown of dielectrics with relaxation polarization. Izv.
vys.ucheb.zav.; fiz. no.5:142-148 '61. (MIRA 14:10)

1. Sumskoy pedagogicheskiy institut imeni A.S.Makarenko.
(Dielectrics--Thermal properties)

SARAFANOV, Yu.

Operating requirements to local motorbuses. Avt.transp. 40
no.10:41-43 0 '62. (MIRA 15:11)

1. Kurganskiy avtobusnyy zavod.
(Motorbuses)

LEVITA, R., lektor; SARAFANOVA, A., inzh.

Brigade piecework at the Kaluga Sewing Factory. Sots. trud. 4
no.4:102-104 Ap '59. (MIRA 12:6)

1. Kaluzhskiy gorkom Kommunisticheskoy partii Sovetskogo Soyuza.
(Kaluga—Clothing industry) (Wages)

BELOUSOV, Nikolay Nikolayevich, kand. tekhn. nauk; MIKHEYEVA,
Yekaterina Nikolayevna, inzh.; SARAFANOVA, Mariya
Nikolayevna, inzh.; NAUMOVA, Ye.A., red.

[Heat treatment of new foundry aluminum alloys] Termi-
cheskaia obrabotka novykh liteinykh aliuminievykh spla-
vov. Leningrad, 1964. 34 p. (MIRA 18:1)

BELOUSOV, Nikolay Nikolayevich, kand. tekhn.nauk; MIKHEYEVA,
Yekaterina Nikolayevna, inzh.; SARAFANOVA, Mariya
Nikolayevna, inzh.; NAUMOVA, Ye.A., red.

[New aluminum foundry alloys] Novye liteinye aliuminevye
splavy. Leningrad, 1964. 35 p. (MIRA 18:3)

L 3145-66 EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD

AM5019639

BOOK EXPLOITATION

UR/ 39

Belousov, Nikolay Nikolayevich ^{44.55} (Candidate of Technical Sciences);
 Mikheyeva, YEkaterina Nikolayevna (Engineer); Sarafanova, Mariya
 Nikolayevna (Engineer) ^{48.55}

Heat treatment of new cast aluminum alloys (Termicheskaya obrabotka
 novykh liteynykh alyuminiyevykh splavov) Leningrad, [LDNTP] 1964.
 34 p. illus., biblio., tables. (At head of title: Leningradskoye
 oblastnoye otdeleniye obshchestva "Znaniye" RSFSR) Belousov,
 Nikolay Errata slip inserted. 4200 copies printed. Series note:
 Leningdaskiy dom nauchno-tekhnicheskoy propagandy. Peredovoy
 proizvodstvenno-tekhnicheskoy opyt. Seriya: Metallovedeniye i
 termicheskaya obrabotka

TOPIC TAGS: aluminum alloy, new aluminum alloy, cast aluminum alloy,
 alloy heat treatment, alloy property, electric heat treatment unit

PURPOSE AND COVERAGE: This booklet is intended for metallurgists and
 engineering personnel dealing with the heat treatment of aluminum-
 base alloys. New cast aluminum alloys which are hardened by heat
 treatment and are included in GOST-2685-63 are described. The

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systems, phase diagrams, and chemical composition of these new heat-resistant and corrosion-resistant aluminum alloys are indicated, and methods of casting them are described. Optimal conditions of heat treatment applied to strengthen these alloys are dealt with in detail. Mechanical properties of new aluminum alloys strengthened by heat treatment are indicated, and electrical units used for alloy heat treatment are briefly described.

TABLE OF CONTENTS:

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1. Brief Outline of New Aluminum Alloys Hardenable by Heat Treatment, Specified in GOST 2685-63 -- 4
2. Heat Treatment of Cast Alloys of the Al-Mg System -- 9
3. Heat Treatment of New, Al-Cu Base, Complex Alloys -- 21
4. Heat Treatment of New Alloy of the Al-Zn-Mg System -- 27

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5. Standardized Heat Treatment Conditions of New Cast Aluminum Alloys -- 29

6. Air-Blast Units for Heat Treatment of Aluminum Alloys -- 29

References -- 35

SUB CODE: MM, IE

SUBMITTED: 0064

NO REF SOV: 011

OTHER: 000

Card

3/3

PISHNAMAZOVA, B.F.; KHOLLOV, Kh.D.; SARAFANOVA, R.A.

Alkylation of α -chloromethyl alkyl ether with allyl bromide.

Azerb. khim. zhur. no.5:37-41 '64.

(MIRA 18:3)

SARAFIAN, A., ing.; TOMOZEI, D., ing.

Rhythmical carrying out of the production plan. Probleme econ
16 no.8:159-160 Ag'63.

1. Director general, Ministerul Metalurgiei si Constructiilor
de Masini - D.G.U.P.M. - serviciul tehnic (for Sarafian).
2. Director tehnic, Uzina "1 Mai", Ploiesti (for Tomozei).

EXCERPTA MEDICA Sec,9 Vol.11/9 Surgery Sept 1957

4920. SARAFOFF D. Uliza Asparuch 52, Sofia. *Über die Ursachen der Dilatation der zuführenden Arterien bei arterio-venösem Kurzschluss durch Hämangiom und Aneurysmen. The causes of dilatation of the supplying arteries in arteriovenous short-circuit due to haemangioma and aneurysms CHIRURG 1956, 27/11 (493-496) Illus. 4

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3362. EFFECTIVITY OF A PERSONAL METHOD OF NEPHROPEXY DESCRIBED IN 1942, BY WHICH A WANDERING KIDNEY IS FIXED WITH ITS POSTERIOR WALL TO THE POSTERIOR WALL OF THE ABDOMEN AND A SUPPORTING MUSCULAR TONGUE IS MADE. LONG-TERM RESULTS IN 71 OPERATIVE CASES - Über die Leistungsfähigkeit meiner 1942 angegebenen Methode zur operativen Befestigung der Wanderniere mittels Verlöthung ihrer Hinterfläche mit der hinteren Bauchwand und Bildung einer Unterstützenden Muskelzunge. Dauerergebnisse bei 71 operierten Kranken - Sarafoff D. Utiza Asparuch 52, Sofia - UROLOGIA (Treviso) 1958, 25/2 (142-166) Tables 2 illus. 13

The principle of the method consists of detachment of the fibrous capsule from the posterior aspect of the kidney and of the fasciae from the psoas and quadratus lumborum muscles. In this way, the extremely capillary stroma of the kidney and the naked muscle grow firmly together in some places. Moreover, a muscular tongue cut out of the lateral or posterior abdominal wall encloses and supports the kidney like a hand, thus keeping it in the correct direction and at its normal place. After a few days the adhesions are firm enough and the final result of operation has been achieved. Even then the muscular tongue is a welcome additional support, which is left in place and closes the floor of the renal bed. A muscular tongue from the lateral wall has great advantages and was highly effective in all the author's cases. The conrescences and the muscular tongue are each capable of keeping the dislocated organ firmly and securely in place; by their combination this goal is achieved in an ideal way.

EXCERPTA MEDICA Sec 16 Vol 7/3 Cancer Mar 59

1248. **Plasmocytic reticulosis. Its relationship with malignant plasmocytosis** Réticulose plasmocytaire; ses rapports avec les plasmocytoses malignes. SARAFOFF R., DIMITROFF D. and PAVLOFF K. *Sofia Arch. Anat. path.* 1958, 6/3 (239-244) Illus. 9

A case of plasma-cell leukaemia is described under the name of plasmocytic reticulosis which, the authors believe, is more accurate. Such forms should be clearly differentiated from multiple myeloma.

Potvlieg - Brussels

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Future of the Sahara. Nauka i tekhnolozhiya 14 no.8:4-5 Ag '62.

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